IN THE CLAIMS

Claim 1 (canceled).

2.   (new): A displaying method in an information processing apparatus, comprising the steps of:

displaying tasks or objects to be processed as a tree which is expandable and reducible and has a multi-hierarchy;

monitoring a state of a leaf included in said tree;

when a change occurs in said state of said leaf, changing a node that includes said leaf into a state of node showing said change;

determining whether a higher order node of said node whose state has been changed to said corresponding state of node, has been expanded;

if said higher order node has not been expanded, changing a higher order node of said node whose state has been changed to said corresponding state of node, into said corresponding state of node and also determining whether an even higher order node has been expanded or not; and

when said even higher node has been expanded, changing a display of an object node that has been last changed into the corresponding state, into the corresponding state of node,

wherein a state of a leaf or node of said tree that is not displayed in said tree, is displayed on a node which is displayed at a lowest hierarchy in said tree and which includes said leaf or node.

3.   (new): A displaying method in an information processing apparatus, comprising the steps of:

displaying tasks or objects to be processed as a tree which is expandable and reducible and has a multi-hierarchy;

if a node which is included in said tree and is instructed to be expanded is displayed in such a manner which indicates a state of node that said node includes a leaf whose state has been changed, expanding a lower order hierarchy of said node and changing the display of said node into a normal state and, of nodes in the expanded lower order hierarchy, changing a node which is under the corresponding state of node, into a display of said corresponding state of node;

if a node which is included in said tree and is instructed to be reduced includes a node which is under a state of node that said node includes a leaf whose state has been changed, reducing a lower order hierarchy of said node which is instructed to be reduced and changing said node which is instructed to be reduced, into the corresponding state of node as well as changing a display thereof into a display of said corresponding state of node,

wherein a state of a leaf or node of said tree that is not displayed in said tree, is displayed on a node which is displayed at a lowest hierarch in said tree and which includes said leaf or node.